

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) A condensation aerosol for delivery of diazepam wherein the condensation aerosol is formed by heating a thin layer containing diazepam, on a solid support, to produce a vapor of diazepam, and condensing the vapor to form a condensation aerosol characterized by less than 10% diazepam degradation products by weight, and an MMAD of less than 5 microns.
2. (previously presented) The condensation aerosol according to Claim 1, wherein the condensation aerosol is formed at a rate greater than 10^9 particles per second.
3. (previously presented) The condensation aerosol according to Claim 2, wherein the condensation aerosol is formed at a rate greater than 10^{10} particles per second.
4. (previously presented) The composition according to Claim 12, wherein the condensation aerosol is characterized by less than 2.5 % diazepam degradation products by weight.
5. (previously presented) A method of producing diazepam in an aerosol form comprising:
 - a. heating a thin layer containing diazepam, on a solid support, to produce a vapor of diazepam, and
 - b. providing an air flow through the vapor to form a condensation aerosol characterized by less than 10% diazepam degradation products by weight, and an MMAD of less than 5 microns.
6. (previously presented) The method according to Claim 5, wherein the condensation aerosol is formed at a rate greater than 10^9 particles per second.

7. (previously presented) The method according to Claim 6, wherein the condensation aerosol is formed at a rate greater than 10^{10} particles per second.
8. (currently amended) The ~~composition~~ method according to Claim ~~18~~⁵, wherein the condensation aerosol is characterized by less than 2.5% diazepam degradation products by weight.
9. (previously presented) The condensation aerosol according to Claim 1, wherein the condensation aerosol is characterized by an MMAD of 0.2 to 5 microns.
10. (previously presented) The condensation aerosol according to Claim 1, wherein the condensation aerosol is characterized by an MMAD of less than 3 microns.
11. (previously presented) The condensation aerosol according to Claim 10, wherein the condensation aerosol is characterized by an MMAD of 0.2 and 3 microns.
12. (previously presented) The condensation aerosol according to Claim 1, wherein the condensation aerosol is characterized by less than 5% drug degradation products by weight.
13. (previously presented) The condensation aerosol according to Claim 1, wherein the thin layer has a thickness between 1.3 and 5.1 microns.
14. (previously presented) The condensation aerosol according to Claim 1, wherein the solid support is a metal foil.
15. (previously presented) The method according to Claim 5, wherein the condensation aerosol is characterized by an MMAD of 0.2 to 5 microns.
16. (previously presented) The method according to Claim 5, wherein the condensation aerosol is characterized by an MMAD of less than 3 microns.

17. (previously presented) The method according to Claim 16, wherein the condensation aerosol is characterized by an MMAD of 0.2 to 3 microns.

18. (previously presented) The method according to Claim 5, wherein the condensation aerosol is characterized by less than 5% drug degradation products by weight.

19. (previously presented) The method according to Claim 5, wherein the thin layer has a thickness between 1.3 and 5.1 microns.

20. (previously presented) The method according to Claim 5, wherein the solid support is a metal foil.

21. (previously presented) A condensation aerosol for delivery of diazepam, wherein the condensation aerosol is formed by heating a thin layer containing diazepam, on a solid support, to produce a vapor of diazepam, and condensing the vapor to form a condensation aerosol characterized by less than 5% diazepam degradation products by weight, and an MMAD of 0.2 to 3 microns.

22. (previously presented) A method of producing diazepam in an aerosol form comprising:

a. heating a thin layer containing diazepam, on a solid support, to produce a vapor of diazepam, and

b. providing an air flow through the vapor to form a condensation aerosol characterized by less than 5% diazepam degradation products by weight, and an MMAD of 0.2 to 3 microns.